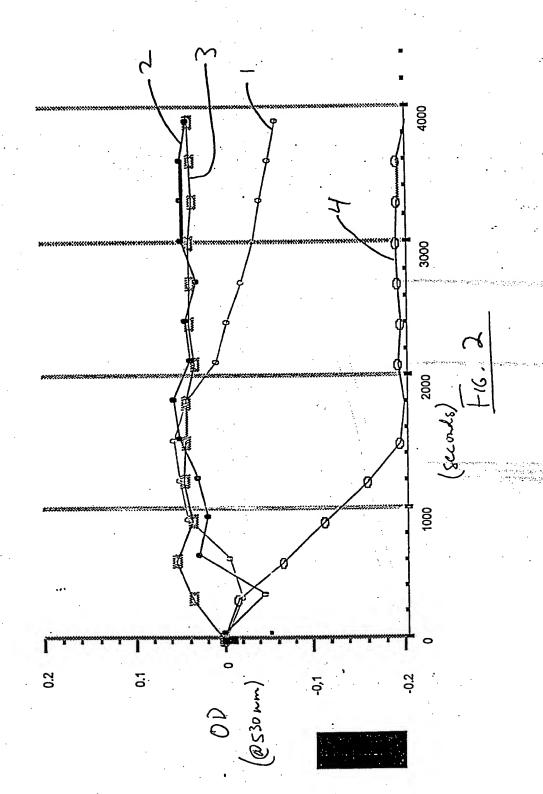


FIG. 1

Monitoring Drug Activity as a Function of Time Correlates Drug Activity to Aggregate Size



Cimetidine

R(+)-Atenolol

(-)-alpha-Methylnorepinephrine

Uracil, (+/-)-5-trifluoromethyl-5,6,dihydro-

$$\begin{bmatrix} OH \\ OH \\ HO \\ H_3C \end{bmatrix}_2 H_2C N = N CH_2$$

MHPZ piperazine

$$H_2N$$
 $H_2C$ 
 $H_2C$ 
 $H_2C$ 
 $H_2C$ 
 $NH$ 
 $NH$ 
 $CH_3$ 
 $H_3C$ 

Oxotremorine methiodide

FIG. 6

(+/-)-Normetanephrine hydrochloride

(+/-)-Octopamine

hydrochloride

Arecoline hydrobromide

Telenzepine dihydrochloride

1-Phenylbiguanide

Lidocaine hydrochloride

erythro-9-(2-Hydroxy-3-nonyl)adenine hydrochloride

1,3-Dipropyl-8-p-sulfophenylxanthine

2-Methylthioadenosine diphosphate trisodium

HO-P-OH NH<sub>2</sub>

(+/-)-2-Amino-7-phosphonoheptanoic acid

FIG. 8

Tripelennamine hydrochloride

Naftopidil dihydrochloride

HO-Tetracaine hydrochloride Chlomezanone 1-Methylisoguanosine Debrisoquin sulfate HO-Phenylbutazone S-(4-Nitrobenzyl)-6-thioinosine 8-Cyclopentyl-1,3-dimethylxanthine  $NH_2$ HO P1,P4-di(adenosine-5')tetraphosphate triammonium S-(4-Nitrobenzyl)-6-thioguanosine QН O-Na H<sub>2</sub>N

FIG. 9

$$H_2C$$
 $O$ 
 $CH_3$ 
 $CH_3$ 

(2)-Vanillylmandelic acid

histamine, R(-)-alpha-methyl, dihydrochloride

FIG. 10